

## ABSTRACT OF THE DISCLOSURE

A multiplexed high voltage DC-AC driver including multiple DC-AC switches and decoder logic. Each DC-AC switch receives an input DC voltage and is operative, when enabled, to toggle its output at a rate based on a master clock signal and at a voltage based on the input DC voltage. The DC-AC switches include one or more high side switches and a low side switch. The low side switch includes a clock inverter and operates out-of-phase relative to each high side switch. The decoder logic enables selected ones of the high side switches and enables the low side switch when any high side switch is enabled.